

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Koichi TAMURA, et al.

Title:

DEMODULATION APPARATUS AND DEMODULATION

METHOD FOR MOBILE COMMUNICATION

Appl. No.:

09/829,048

RECEIVED

Filing Date: 04/10/2001

JUL 0 6 2004

Examiner:

S. K. Ahn

Technology Center 2600

Art Unit:

2634

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed document is being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the mailing date of the foreign office communication.

RELEVANCE OF EACH DOCUMENT

The foregoing document was cited by the examiner in Applicants' corresponding European application.

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or

even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO	Complete if Known		
MFORMATION DISCLOSURE	Application Number	09/829,048	
STATEMENT BY APPLICANT	Filing Date	04/10/2001	
JUL 0 1 2004 Date Submitted: July 1, 2004	First Named Inventor	Koichi TAMURA	
July 1, 2004	Group Art Unit	2634	
(u∰∕as many sheets as necessary)	Examiner Name	S. K. Ahn	
Sheetnewalk 1 of 1	Attorney Docket Number	053969-0126	

U.S. PATENT DOCUMENTS						
Examiner Initials*		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant
	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	For Office ³	eign Patent D Number⁴	ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
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	D1	S.S. RAPPAPORT et al., "Spread-Spectrum Signal Acquisition: Methods and Technology." IEEE Communications Magazine, Vol. 22:6, June 1984, pp.6-21.	

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Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.